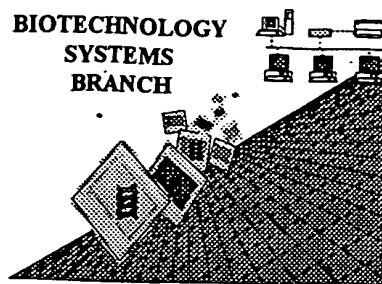


## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



FY  
#9

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/807,933  
Source: P4/09  
Date Processed by STIC: 12/21/2001

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by the treatment given to all mail coming via the Brentwood Mail Facility.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom, including:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name,  
1911 South Clark Street, Crystal Mall One, Sequence Information, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two,  
Lobby, Room 1B03, Arlington, Virginia 22202
4. Federal Express Delivery, 2011 South Clark Street, Crystal Plaza 2, Room 1B03-Mailroom, Box Sequence,  
Arlington, VA 22202

PCT09

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001  
 TIME: 12:48:41

Input Set : A:\09807933SL.TXT  
 Output Set: N:\CRF3\12212001\I807933.raw

*pp 6-7*  
**Does Not Comply  
 Corrected Diskette Needed**

4 <110> APPLICANT: MEIJI SEIKA KAISHA, LTD.  
 6 <120> TITLE OF INVENTION: Endoglucanase and cellulase composition containing the  
 7 same  
 9 <130> FILE REFERENCE: 121659PX  
 11 <140> CURRENT APPLICATION NUMBER: US/09/807,933  
 12 <141> CURRENT FILING DATE: 2001-04-20  
 14 <150> PRIOR APPLICATION NUMBER: JP302387/1998  
 15 <151> PRIOR FILING DATE: 1998-10-23  
 17 <160> NUMBER OF SEQ ID NOS: 113  
 19 <170> SOFTWARE: PatentIn Ver. 2.0  
 21 <210> SEQ ID NO: 1  
 22 <211> LENGTH: 338  
 23 <212> TYPE: PRT  
 24 <213> ORGANISM: Rhizopus oryzae CP96001  
 26 <220> FEATURE:  
 27 <221> NAME/KEY: sig\_peptide  
 28 <222> LOCATION: (-23)...(-1)  
 29 <221> NAME/KEY: mat\_peptide  
 30 <222> LOCATION: (1)...(315)  
 32 <400> SEQUENCE: 1  
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 34 -20 -15 -10  
 36 Gly Thr Glu Met Ala Ser Ala Ala Glu Cys Ser Lys Leu Tyr Gly Gln  
 37 -5 1 5  
 39 Cys Gly Gly Lys Asn Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser  
 40 10 15 20 25  
 42 Thr Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Pro Ser Gly  
 43 30 35 40  
 45 Ser Ser Gly Asn Lys Ser Ser Glu Ser Ala His Lys Lys Thr Thr Thr  
 46 45 50 55  
 48 Ala Ala His Lys Lys Thr Thr Thr Ala Ala His Lys Lys Thr Thr Thr  
 49 60 65 70  
 51 Ala Pro Ala Lys Lys Thr Thr Thr Val Ala Lys Ala Ser Thr Pro Ser  
 52 75 80 85  
 54 Asn Ser Ser Ser Ser Ser Ser Gly Lys Tyr Ser Ala Val Ser Gly Gly  
 55 90 95 100 105  
 57 Ala Ser Gly Asn Gly Val Thr Thr Arg Tyr Trp Asp Cys Cys Lys Ala  
 58 110 115 120  
 60 Ser Cys Ser Trp Pro Gly Lys Ala Asn Val Ser Ser Pro Val Lys Ser  
 61 125 130 135  
 63 Cys Asn Lys Asp Gly Val Thr Ala Leu Ser Asp Ser Asn Ala Gln Ser  
 64 140 145 150  
 66 Gly Cys Asn Gly Gly Asn Ser Tyr Met Cys Asn Asp Asn Gln Pro Trp  
 67 155 160 165  
 69 Ala Val Asn Asp Asn Leu Ala Tyr Gly Phe Ala Ala Ala Ala Ile Ser  
 70 170 175 180 185  
 72 Gly Gly Gly Glu Ser Arg Trp Cys Cys Ser Cys Phe Glu Leu Thr Phe

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:41

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

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73          190          195          200
75 Thr Ser Thr Ser Val Ala Gly Lys Lys Met Val Val Gln Val Thr Asn
76          205          210          215
78 Thr Gly Gly Asp Leu Gly Ser Ser Thr Gly Ala His Phe Asp Leu Gln
79          220          225          230
81 Met Pro Gly Gly Gly Val Gly Ile Phe Asn Gly Cys Ser Ser Gln Trp
82          235          240          245
84 Gly Ala Pro Asn Asp Gly Trp Gly Ser Arg Tyr Gly Gly Ile Ser Ser
85 250          255          260          265
87 Ala Ser Asp Cys Ser Ser Leu Pro Ser Ala Leu Gln Ala Gly Cys Lys
88          270          275          280
90 Trp Arg Phe Asn Trp Phe Lys Asn Ala Asp Asn Pro Ser Met Thr Tyr
91          285          290          295
93 Lys Glu Val Thr Cys Pro Lys Glu Ile Thr Ala Lys Thr Gly Cys Ser
94          300          305          310
96 Arg Lys
97          315
99 <210> SEQ ID NO: 2
100 <211> LENGTH: 1017
101 <212> TYPE: DNA
102 <213> ORGANISM: Rhizopus oryzae CP96001
104 <220> FEATURE:
105 <221> NAME/KEY: sig_peptide
106 <222> LOCATION: (1)..(69)
107 <221> NAME/KEY: mat_peptide
108 <222> LOCATION: (70)..(1017)
110 <400> SEQUENCE: 2
111 atg aag ttt att act att gcc tct tcc gct ctc ttg gct ctc gcc ctc 48
112 Met Lys Phe Ile Thr Ile Ala Ser Ser Ala Leu Leu Ala Leu Ala Leu
113          -20          -15          -10
115 ggt act gaa atg gcc tct gct gct gaa tgt agc aaa ttg tat ggt caa 96
116 Gly Thr Glu Met Ala Ser Ala Ala Glu Cys Ser Lys Leu Tyr Gly Gln
117          -5          1          5
119 tgt ggt ggt aag aac tgg aat ggc cct act tgt tgt gaa tct gga tcc 144
120 Cys Gly Gly Lys Asn Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser
121 10          15          20          25
123 acc tgt aaa gta agc aac gat tac tac tct caa tgt ctt ccc tct gga 192
124 Thr Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Pro Ser Gly
125          30          35          40
127 agc agt ggc aat aaa tct tct gaa agt gct cac aag aag act acc act 240
128 Ser Ser Gly Asn Lys Ser Ser Glu Ser Ala His Lys Lys Thr Thr Thr
129          45          50          55
131 gct gct cac aag aag act act acc gct gct cat aaa aag act acc act 288
132 Ala Ala His Lys Lys Thr Thr Thr Ala Ala His Lys Lys Thr Thr Thr
133          60          65          70
135 gct cct gct aag aag act aca act gtt gcc aaa gct tcc acc cct tct 336
136 Ala Pro Ala Lys Lys Thr Thr Val Ala Lys Ala Ser Thr Pro Ser
137          75          80          85
139 aac tct agc tct agc tcc agc ggc aaa tat tcc gct gtc tct ggt ggt 384

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:41

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

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140 Asn Ser Ser Ser Ser Ser Ser Gly Lys Tyr Ser Ala Val Ser Gly Gly
141 90 95 100 105
143 gcc tct ggt aac ggt gtc act act cgt tat tgg gat tgc tgt aag gcc 432
144 Ala Ser Gly Asn Gly Val Thr Thr Arg Tyr Trp Asp Cys Cys Lys Ala
145 110 115 120
147 tcc tgt agc tgg ccc ggt aag gcc aat gtc agt tct cct gtc aag tcc 480
148 Ser Cys Ser Trp Pro Gly Lys Ala Asn Val Ser Ser Pro Val Lys Ser
149 125 130 135
151 tgt aac aaa gat ggt gtc act gcc ctt agt gac agc aat gcc caa agt 528
152 Cys Asn Lys Asp Gly Val Thr Ala Leu Ser Asp Ser Asn Ala Gln Ser
153 140 145 150
155 ggc tgt aac ggt ggt aac agt tac atg tgt aac gac aac caa cct tgg 576
156 Gly Cys Asn Gly Gly Asn Ser Tyr Met Cys Asn Asp Asn Gln Pro Trp
157 155 160 165
159 gct gta aac gac aac ctt gcc tat ggt ttc gct gct gct gcc atc agt 624
160 Ala Val Asn Asp Asn Leu Ala Tyr Gly Phe Ala Ala Ala Ile Ser
161 170 175 180 185
163 ggt ggt ggt gaa tct cgc tgg tgc tgt tct tgt ttc gaa ctt act ttc 672
164 Gly Gly Gly Glu Ser Arg Trp Cys Cys Ser Cys Phe Glu Leu Thr Phe
165 190 195 200
167 act tct acc tct gtt gct ggt aag aag atg gtt gtc caa gtc act aac 720
168 Thr Ser Thr Ser Val Ala Gly Lys Lys Met Val Val Gln Val Thr Asn
169 205 210 215
171 act ggt ggt gat ctt ggc tcc tct act ggt gct cac ttt gac ttg caa 768
172 Thr Gly Gly Asp Leu Gly Ser Ser Thr Gly Ala His Phe Asp Leu Gln
173 220 225 230
175 atg ccc ggt ggt ggt gtt ggt att ttc aat ggt tgt tcc agc caa tgg 816
176 Met Pro Gly Gly Gly Val Gly Ile Phe Asn Gly Cys Ser Ser Gln Trp
177 235 240 245
179 ggt gct ccc aat gac ggt tgg ggc tca aga tac ggt ggt att tct tct 864
180 Gly Ala Pro Asn Asp Gly Trp Gly Ser Arg Tyr Gly Gly Ile Ser Ser
181 250 255 260 265
183 gca tct gac tgc tct agt ctt cct tcc gca ctc caa gct ggt tgt aaa 912
184 Ala Ser Asp Cys Ser Ser Leu Pro Ser Ala Leu Gln Ala Gly Cys Lys
185 270 275 280
187 tgg aga ttc aac tgg ttc aag aac gct gat aac cca agc atg act tac 960
188 Trp Arg Phe Asn Trp Phe Lys Asn Ala Asp Asn Pro Ser Met Thr Tyr
189 285 290 295
191 aag gaa gtt acc tgt cct aag gaa atc acc gcc aag aca ggt tgt tca 1008
192 Lys Glu Val Thr Cys Pro Lys Glu Ile Thr Ala Lys Thr Gly Cys Ser
193 300 305 310
195 aga aaa taa
196 Arg Lys 1017
197 315
199 <210> SEQ ID NO: 3
200 <211> LENGTH: 366
201 <212> TYPE: PRT
202 <213> ORGANISM: Rhizopus oryzae CP96001
204 <220> FEATURE:

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:41

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

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205 <221> NAME/KEY: sig_peptide
206 <222> LOCATION: (-23)...(-1)
207 <221> NAME/KEY: mat_peptide
208 <222> LOCATION: (1)...(343)
210 <400> SEQUENCE: 3
211 Met Lys Phe Ile Thr Ile Thr Ser Ser Ala Leu Leu Ala Leu Ala Leu
212      -20      -15      -10
214 Gly Thr Glu Met Ala Ser Ala Ala Lys Cys Ser Lys Leu Tyr Gly Gln
215      -5      1      5
217 Cys Gly Gly Lys Asp Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser
218 10      15      20      25
220 Thr Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Ala Pro Glu
221      30      35      40
223 Ser Asn Gly Asn Lys Ser Ser Glu Cys Ser Lys Leu Tyr Gly Gln Cys
224      45      50      55
226 Gly Gly Lys Asp Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser Thr
227      60      65      70
229 Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Ala Pro Glu Ser
230      75      80      85
232 Asn Gly Asn Lys Thr Ser Glu Ser Ala His Lys Thr Thr Thr Thr
233 90      95      100      105
235 Ala Pro Ala Lys Glu Ile Thr Thr Thr Ala Lys Ala Ser Asn Ser Ser
236      110      115      120
238 Asn Ser Ser Gly Lys Tyr Ser Ile Val Ser Gly Gly Ala Ser Gly Asn
239      125      130      135
241 Gly Val Thr Thr Arg Tyr Trp Asp Cys Cys Lys Ala Ser Cys Ser Trp
242      140      145      150
244 Pro Gly Lys Ala Asn Val Ser Ser Pro Val Lys Ser Cys Asn Lys Asp
245      155      160      165
247 Gly Val Thr Ala Leu Ser Asp Ser Asn Val Gln Ser Gly Cys Asn Gly
248 170      175      180      185
250 Gly Asn Ser Tyr Met Cys Asn Asp Asn Gln Pro Trp Ala Val Asn Asp
251      190      195      200
253 Asn Leu Ala Tyr Gly Phe Ala Ala Ala Ile Ser Gly Gly Gly Glu
254      205      210      215
256 Ser Arg Trp Cys Cys Ser Cys Phe Glu Leu Thr Phe Thr Ser Thr Ser
257      220      225      230
259 Val Ala Gly Lys Lys Met Val Ile Gln Val Thr Asn Thr Gly Gly Asp
260      235      240      245
262 Leu Gly Ser Ser Thr Gly Ala His Phe Asp Leu Gln Met Pro Gly Gly
263 250      255      260      265
265 Gly Val Gly Ile Phe Asn Gly Cys Ser Lys Gln Trp Gly Ala Pro Asn
266      270      275      280
268 Asp Gly Trp Gly Ser Arg Tyr Gly Gly Ile Ser Ser Ala Ser Asp Cys
269      285      290      295
271 Ser Ser Leu Pro Ser Ala Leu Gln Ala Gly Cys Lys Trp Arg Phe Asn
272      300      305      310
274 Trp Phe Lys Asn Ala Asp Asn Pro Ser Met Thr Tyr Lys Glu Val Thr
275      315      320      325

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## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:41

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

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277 Cys Pro Lys Glu Ile Thr Ala Lys Thr Gly Cys Ser Arg Lys
278 330          335          340
280 <210> SEQ ID NO: 4
281 <211> LENGTH: 1101
282 <212> TYPE: DNA
283 <213> ORGANISM: Rhizopus oryzae CP96001
285 <220> FEATURE:
286 <221> NAME/KEY: sig_peptide
287 <222> LOCATION: (1)..(69)
288 <221> NAME/KEY: mat_peptide
289 <222> LOCATION: (70)..(1101)
291 <400> SEQUENCE: 4
292 atg aag ttt att act att acc tct tcc gct ctc ttg gct ctc gcc ctt      48
293 Met Lys Phe Ile Thr Ile Thr Ser Ser Ala Leu Leu Ala Leu Ala Leu
294          -20          -15          -10
296 ggt act gaa atg gcc tct gct gct aaa tgt agc aag ctg tat ggt caa      96
297 Gly Thr Glu Met Ala Ser Ala Ala Lys Cys Ser Lys Leu Tyr Gly Gln
298          -5          1          5
300 tgt ggt ggt aag gac tgg aat ggc cct act tgt tgc gaa tct gga tcc      144
301 Cys Gly Gly Lys Asp Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser
302 10          15          20          25
304 acc tgt aaa gta agc aac gat tac tac tct caa tgt ctt gcc cct gaa      192
305 Thr Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Ala Pro Glu
306          30          35          40
308 agc aac ggc aat aag tct tct gaa tgt agc aag ttg tat ggt caa tgt      240
309 Ser Asn Gly Asn Lys Ser Ser Glu Cys Ser Lys Leu Tyr Gly Gln Cys
310          45          50          55
312 ggt ggt aag gac tgg aat ggc cct act tgt tgc gaa tct gga tcc acc      288
313 Gly Gly Lys Asp Trp Asn Gly Pro Thr Cys Cys Glu Ser Gly Ser Thr
314          60          65          70
316 tgt aaa gta agc aac gat tac tac tct caa tgt ctt gcc cct gaa agc      336
317 Cys Lys Val Ser Asn Asp Tyr Tyr Ser Gln Cys Leu Ala Pro Glu Ser
318          75          80          85
320 aat ggc aat aaa act tct gaa agc gct cat aaa acg act act acc act      384
321 Asn Gly Asn Lys Thr Ser Glu Ser Ala His Lys Thr Thr Thr Thr Thr
322 90          95          100          105
324 gct ccc gct aag gaa att aca act act gcc aaa gct tca aac tct tct      432
325 Ala Pro Ala Lys Glu Ile Thr Thr Thr Ala Lys Ala Ser Asn Ser Ser
326          110          115          120
328 aac tct agc ggc aaa tac tcc att gtc tct ggt ggt gcc tct ggt aac      480
329 Asn Ser Ser Gly Lys Tyr Ser Ile Val Ser Gly Gly Ala Ser Gly Asn
330          125          130          135
332 ggt gtc act act cgt tat tgg gat tgc tgt aag gcc tcc tgt agc tgg      528
333 Gly Val Thr Thr Arg Tyr Trp Asp Cys Cys Lys Ala Ser Cys Ser Trp
334          140          145          150
336 ccc ggt aag gcc aat gtc agt tct cct gtc aag tcc tgt aac aaa gat      576
337 Pro Gly Lys Ala Asn Val Ser Ser Pro Val Lys Ser Cys Asn Lys Asp
338          155          160          165
340 ggt gtc act gcc ctt agt gac agc aat gtc caa agt ggc tgt aac ggt      624

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<210> 13  
<211> 1043  
<212> DNA  
<213> Artificial Sequence

<220>  
<221> sig\_peptide  
<222> (16)..(84)  
<221> mat\_peptide  
<222> (84)..(1043)

<400> 13

see item 11 on Ena Summary  
Sheet

09/807,933 2

<210> 17  
<211> 39  
<212> PRT  
<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:consensus  
sequence

<400> 17  
Xaa Xaa Xaa Xaa Xaa Xaa Gln Cys Gly Gly Xaa Xaa Xaa Xaa Gly Xaa  
1 5 10 15  
Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Cys Xaa Xaa Xaa Xaa Xaa Asn  
20 25 30  
Xaa Xaa Tyr Xaa Gln Cys Xaa  
35

see item 9  
on Ena  
summary  
sheet

↓  
The types of errors shown exist throughout  
the Sequence Listing. Please check subsequent  
sequences for similar errors.

EMI Use of n and/or Xaa has been detected in the Sequence Listing.  
Review the Sequence Listing to insure a corresponding  
explanation is presented in the <220> to <223> fields of  
each sequence using n or Xaa.



VERIFICATION SUMMARY

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:42

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

L:11 M:270 C: Current Application Number differs, Replaced Application Number  
 L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
 L:1135 M:258 W: Mandatory Feature missing, <223> OTHER INFORMATION:  
 L:1277 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17  
 L:1277 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17  
 L:1277 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
 L:1280 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17  
 L:1280 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17  
 L:1280 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
 L:1283 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:17  
 L:1283 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:17  
 L:1283 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:17  
 L:1297 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:18  
 L:1297 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:18  
 L:1297 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
 L:1300 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:18  
 L:1300 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:18  
 L:1300 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
 L:1303 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:18  
 L:1303 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:18  
 L:1303 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:18  
 L:1317 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:19  
 L:1317 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:19  
 L:1317 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
 L:1320 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:19  
 L:1320 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:19  
 L:1320 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
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 L:1323 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:19  
 L:1323 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:19  
 L:1337 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:20  
 L:1337 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20  
 L:1337 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
 L:1340 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:20  
 L:1340 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20  
 L:1340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
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 L:1343 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:20  
 L:1343 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:20  
 L:1357 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:21  
 L:1357 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21  
 L:1357 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
 L:1360 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:21  
 L:1360 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21  
 L:1360 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21  
 L:1363 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:21  
 L:1363 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:21  
 L:1363 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:21

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/807,933

DATE: 12/21/2001

TIME: 12:48:42

Input Set : A:\09807933SL.TXT

Output Set: N:\CRF3\12212001\I807933.raw

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L:1428 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25  
L:1428 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25  
L:1428 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:1431 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:25  
L:1431 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:25  
L:1431 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:25  
L:1493 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:29  
L:1493 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:29  
L:1493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:29  
L:1507 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:30  
L:1507 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:30  
L:1507 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30  
L:1521 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:31  
L:1521 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:31  
L:1521 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:31  
L:1535 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:32  
L:1535 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:32  
L:1535 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:32  
L:1657 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:43  
L:1657 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:43  
L:1657 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43  
L:1669 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:44  
L:1669 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:44  
L:1669 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44